

relating the virtual oven data entity to the process information item via the process test run data entity in order to permit functional associations between virtual ovens, stress test processes, and process-test runs.

22. The method of storing information related to a stress-test of different products in a computer-readable stress-test information database according to claim 21,

said storing stress-test result information including:

storing information identifying and formatting stress-test result information relating to one or more stress-test processes in a result format data entity of the result data entity, and

storing stress-test result values in a result value data entity of the result data entity;

the method further comprising:

mapping stress-test result values to stress-test processes with a process-result data entity;

associating the result format data entity with the result value data entity and the process-result data entity.

23. The method of storing information related to a stress-test of different products in a computer-readable stress-test information database according to claim 22, further comprising:

including a pass/fail information item in the result value data entity;

storing information relating to stress-test criteria in a test criteria data entity; and

associating the test criteria data entity with the result value data entity such that the result value data entity and the test criteria data entity are usable to determine whether the product has passed or failed one or more of the stress-test processes.

- 5 24. The method of storing information related to a stress-test of different products in a computer-readable stress-test information database according to claim 23,  
  
said storing test criteria data including:  
  
storing information relating to fixed limit, percentage range and/or delta range test criteria limits in a limit type data entity of the test criteria data entity,  
  
10 storing information relating to run limit values in a run limit value data entity of the test criteria data entity,  
  
storing information relating to a stress-test run identification information in a test run data entity of the test criteria data entity,  
  
associating the test run data entity with the run limit value data entity and the result  
15 data entity to establish a functional relationship therebetween; and  
  
associating the limit type data entity with the run limit value data entity and the product-result data entity to establish a functional relationship therebetween;  
  
said associating steps permitting a result value for a particular test run and product to be compared against a corresponding run limit value.

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